

WHAT IS CLAIMED IS:

1. A spore germinant produced by IC-21 macrophages.
2. A method for producing one or more germinants from IC-21 macrophages,
5 comprising the steps of:
providing IC-21 macrophages;
adding spores to the provided IC-21 macrophages effective to produce germinant.
3. The method of claim 2, wherein the added spores to the IC-21 macrophages occurs in
10 solution.
4. The method of claim 3, further comprising the step of filtering the produced
germinant from solution
- 15 5. The method of claim 2, wherein the step of adding spores occurs in a ratio amount of
from about 100:1 to about 1:100, spores to macrophage.

6. The method of claim 2, wherein the step of adding spores occurs in a ratio amount of from about 10:1 to about 1:10, spores to macrophage.
7. The method of claim 6, wherein the step of adding spores occurs in a ratio amount of from about 1:1 to about 1:1, spores to macrophage.
8. The method of claim 2, wherein the step of filtering comprises a filter of from about 0.2 micrometers or less.
9. The method of claim 4, further comprising the step of concentrating the filtered germinant.
10. The spore germinant product produced by the process of claim 2
11. A method for germinating spores, comprising the steps of:
providing one or more germinants from IC-21 macrophages; and,
applying the germinants to spores effective to cause germination.

12. The method of claim 11, wherein the step of providing one or more germinants comprises endospores of the *Bacillus* species.
13. The method of claim 12, wherein the step of providing one or more germinants
5 comprises endospores of the *Bacillus globigii*.
14. The method of claim 11, wherein the step of applying the germinants comprises application to spores of the same spore class as used to produce germinant.
- 10 15. The method of claim 11, wherein the step of applying the germinants comprises application to spores of a different spore class as used to produce germinant.
16. The method of claim 11, wherein the spores comprise endospores.
- 15 17. The method of claim 16, wherein the endospores comprise *Bacillus* species.
18. The method of claim 17, wherein the endospores comprise *Bacillus globigii*.

19. The method of claim 11, wherein the step of applying the germinants comprises a germinant composition with germinant present in an amount of from about 1×10^{12} mg/L to about 1×10^{-12} mg/L.
- 5 20. A non-pathogenic bacteria strain spore germinant.